XRAY XT4 '23

Setup: Base Setup July 2023 outdoor small track · Ricky Robbins (Robbins RC) · Jul 13, 2023

so dialed
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EVENT

Event	Club

TRACK

Track	Ctrc
Type	Outdoor hard-packed
Grip / moisture	Medium / Wet
Surface / layout	Medium / Tight
Air temp	55°F (13°C)
Track temp	55°F (13°C)

FRONT SUSPENSION

Ackermann: inner steering link location	1 - Back
Anti-roll bar	1.6mm
Arms	Medium
Axle height: steering block bushing	Top bushing (LRC)
BUMP STEER	
Inner steering link shims	2 mm
Outer steering link shims	0 mm
Camber	-2 degrees
CAMBER LINK	
Inner link location	2 - Top
Outer link shims	2 mm
Differential height	3 up
FF mount inserts	0.5 up
FR mount inserts	0 - center
Hub carriers	9 deg Hard (#362210-H / 20-H)
Ride height	25 mm
Servo saver pre-load	Tight tight mm
SHOCKS	
Arm mounting hole	C - Outside
Tower mounting hole	3 - Outside
Steering block	Hard
Steering center link	Composite
Toe	+1 degrees
Tower	Graphite 3.5mm
Track: wheel hexes	0 slots 0mm
Wheelbase: arm shims	0 mm

TIRES

	FRONT	REAR
Tire brand / type	Rawspeed super mini	Rawspeed Super Mini
Tire compound	SS	SS
Tire insert	RS Closed	RS Closed
Wheel brand / type	Xray	Xray

REAR SUSPENSION

Anti-roll bar	1.6mm
Arms	Medium
Camber	-1.5 degrees
CAMBER LINK	
Inner link location	1 - Bottom
Outer link location	B - Outside
Outer link mount spacers	0 mm
Outer link spacers	2 mm
Differential height	3 up
Hub inserts	1 up
Hubs	Hard
RF mount inserts	0 - center
RF/RR mount orientation	Down
Ride height	26 mm
RR mount inserts	1 out
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	5 - Top middle
Tower	Graphite 3.5mm
Track: wheel hexes	6 slots +4.5mm
WHEELBASE	
Arm shims	2 mm
Hub shims	2 mm

BODY & CHASSIS

Battery posts	Front 3, Rear 4
Body	XT4
FLEX	
Chassis	Aluminum 2mm
Chassis side guards	Hard
Front chassis brace screws	1 - Front, 2, 3
Rear chassis brace	Brass 40g
Rear chassis brace graphite	Yes
Rear chassis brace screws	1 - Front, 2, 3
Rear wing	VP Pro Nylon 1/10
Rear wing mount position	Up
Rear wing trim	Stock height , 7 holes 8 mm Side dam: high
Weights	LF: RF: RR: LR: Other:

SHOCKS

	FRONT	REAR
Oil weight	650 cst	450 cst
Pistons	2 x 1.6mm	2 x 1.7mm
Rebound	0 %	0 %
Spring cups	Composite	Composite
Springs	45mm Linear 4 dot	60mm Linear 3 dot
Stroke	27.5 mm	36.5 mm

Front limiters - int/ext	2 / 2 mm
Rear limiters int/ext	0 / 4 mm
Shock oil brand	XRAY

DIFFERENTIALS

	FRONT	REAR
Diff crown gear	Steel 40T	Steel 40T
Diff fluid	30,000 cst	10,000 cst
Diff gears	Graphite	Graphite
Diff mass	13.30 g	13.30 g
Diff type	Standard	Standard

Center diff fluid	30,000 cst
Center diff gears	Composite
Center diff mass	12.97 g
Center diff type	Standard

DRIVETRAIN

Drive ratio - internal	2.5
Drive type	Differential
Driveshafts - front	91mm
Driveshafts - rear	94mm
Driveshafts - rear axle pin position	3
Pinion	25 teeth
Spur	81 teeth

ELECTRONICS

Battery brand	Zee
Battery capacity	6000 mAh
Battery model	Gold label hv
ESC brand	Hobbywing
ESC model	G2 Legacy
ESC settings	Sct profile
Motor Kv constant	4300 Kv
Motor model	Hobbywing 540 4 pole
Radio brand	Nb4 Pro
Radio EPA steering	100 %
Radio EPA throttle	100 %